

ABSTRACT

A decoupled anti-roll system comprising a left anti-roll bar fastened at one end to a left suspension arm, a right anti-roll bar fastened at one end to a right suspension arm, a clutch mounted to connect or separate the left and right anti-roll bars, oil pressure
5 generating apparatus configured to generate oil pressure during a vehicle roll, an accumulator connected to the oil pressure generating apparatus, and actuators for activating the clutch via the oil pressure generated from the oil pressure generating apparatus to connect or separate the left and right anti-roll bars, whereby the left and right anti-roll bars are connected to each other only when a vehicle rolls, thus improving
10 a car's ride and steering.